

09/818, 237

## WEST Search History

DATE: Saturday, April 20, 2002

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*DB=USPT; PLUR=YES; OP=OR*

L5	nucleic adj2 ligand with growth adj factor	35	L5
L4	nucleic adj2 ligand same (pdgf or hkgf)	12	L4
L3	nucleic adj2 ligand with (pdgf or hkgf)	12	L3
L2	L1 same (pdgf or hkgf)	7	L2
L1	nucleic adj2 ligand with modif\$8	120	L1

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 31 through 35 of 35 returned.**☐ 31. Document ID: US 5650275 A

L5: Entry 31 of 35

File: USPT

Jul 22, 1997

US-PAT-NO: 5650275

DOCUMENT-IDENTIFIER: US 5650275 A

TITLE: Target detection method using spectroscopically detectable nucleic acid ligands

DATE-ISSUED: July 22, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pitner; J. Bruce	Durham	NC	27704	
Malinowski; Douglas P.	Hillsborough	NC	27278	
Vonk; Glenn P.	Fuquay-Varina	NC	27527	
Gold; Larry	Boulder	CO	80302	

US-CL-CURRENT: 435/6

## ABSTRACT:

The invention relates to methods of using spectroscopically detectable labeled receptor molecules to determine the presence or absence of a target compound in a sample. In one embodiment, spectroscopically detectable labeled nucleic acid ligands are used to determine the presence or absence of biological targets of interest in biological samples.

36 Claims, 5 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 32. Document ID: US 5641629 A

L5: Entry 32 of 35

File: USPT

Jun 24, 1997

US-PAT-NO: 5641629

DOCUMENT-IDENTIFIER: US 5641629 A

TITLE: Spectroscopically detectable nucleic acid ligands

DATE-ISSUED: June 24, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pitner; James B.	Durham	NC	27704	
Malinowski; Douglas P.	Hillborough	NC	27278	
Vonk; Glenn P.	Fuquay-Varina	NC	27527	
Gold; Larry	Boulder	CO	80302	

US-CL-CURRENT: 435/6; 536/22.1

## ABSTRACT:

The present invention relates to methods of using spectroscopically detectable labeled receptor molecules to determine the presence or absence of a target compound in a sample. In one embodiment, spectroscopically detectable labeled nucleic acid ligands are used to determine the presence or absence of biological targets of interest in biological samples.

36 Claims, 6 Drawing figures  
Exemplary Claim Number: 1  
Number of Drawing Sheets: 6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 33. Document ID: US 5639868 A

L5: Entry 33 of 35

File: USPT

Jun 17, 1997

US-PAT-NO: 5639868

DOCUMENT-IDENTIFIER: US 5639868 A

TITLE: High-affinity RNA ligands for basic fibroblast growth factor

DATE-ISSUED: June 17, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Janjic; Nebojsa	Boulder	CO		
Gold; Larry	Boulder	CO		

US-CL-CURRENT: 536/22.1; 435/6, 435/91.2

## ABSTRACT:

Methods are described for the identification and preparation of nucleic acid ligand solutions to basic fibroblast growth factor (bFGF). Included in the invention are nucleic acid ligands to bFGF which are inhibitors of bFGF and 2'-amino-modified RNA ligands to bFGF.

9 Claims, 12 Drawing figures  
Exemplary Claim Number: 1  
Number of Drawing Sheets: 12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 34. Document ID: US 5475096 A

L5: Entry 34 of 35

File: USPT

Dec 12, 1995

US-PAT-NO: 5475096  
DOCUMENT-IDENTIFIER: US 5475096 A

TITLE: Nucleic acid ligands

DATE-ISSUED: December 12, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gold; Larry	Boulder	CO		
Tuerk; Craig	Boulder	CO		

US-CL-CURRENT: 536/23.1

ABSTRACT:

A new class of nucleic acid compounds, referred to as nucleic acid ligands, have been shown to exist that have a specific binding affinity for three dimensional molecular targets. In a preferred embodiment the nucleic acid ligands are identified by the method of the invention referred to as the Systematic Evolution of Ligands by EXponential enrichment (SELEX), wherein a candidate mixture of nucleic acids are iteratively enriched in high affinity nucleic acids and amplified for further partitioning.

43 Claims, 38 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 34

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWMC

☐ 35. Document ID: US 5459015 A

L5: Entry 35 of 35

File: USPT

Oct 17, 1995

US-PAT-NO: 5459015  
DOCUMENT-IDENTIFIER: US 5459015 A

TITLE: High-affinity RNA ligands of basic fibroblast growth factor

DATE-ISSUED: October 17, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Janjic; Nebojsa	Boulder	CO		
Gold; Larry	Boulder	CO		

US-CL-CURRENT: 435/6; 435/91.2

ABSTRACT:

Methods are described for the identification and preparation of nucleic acid ligands and ligand solutions to basic fibroblast growth factor (bFGF). Included in the invention are nucleic acid ligands to bFGF which are inhibitors of bFGF and 2'-amino-modified RNA ligands to bFGF.

6 Claims, 11 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Drawn Desc	Image									

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Terms	Documents
nucleic adj2 ligand with growth adj factor	35

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